<400> 11
Met Thr His Cys Glu Glu Ala Ser Ser Leu Ala Glu His Lys Leu Lys
1 5 10 15

Asp Val Arg Glu Lys Met Ala Asp Leu Ala Arg Met Glu Thr Val Leu
20 25 30

Ser Glu Leu Val Cys Ala Cys His Ala Arg Lys Gly Asn Val Pro Cys
35 40 45

Pro Leu Ile Ala Ser Leu Gln Gly Ser Ser Gly Thr His Cys Glu Glu
50 55 60

Ala Ser Ser Leu Ala Glu His Lys Leu Lys Asp Val Arg Glu Lys Met
65 70 75 80

Ala Asp Leu Ala Arg Met Glu Thr Val Leu Ser Glu Leu Val Cys Ala
85 90 95

Cys His Ala Arg Lys Gly Asn Val Pro Cys Pro Ser Ala Trp Ser His
100 105 110

Pro Gln Phe Glu Lys
115

<210> 12
<211> 117
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chelon

<400> 12
Met Thr His Cys Glu Glu Ala Ser Ser Leu Ala Glu His Lys Leu Lys
1 5 10 15

Asp Val Arg Glu Lys Met Ala Asp Leu Ala Arg Met Glu Thr Val Leu
20 25 30

Ser Glu Leu Val Cys Ala Cys His Ala Arg Lys Gly Asn Val Ser Cys
35 40 45

Pro Leu Ile Ala Leu Leu Gln Gly Ser Ser Gly Thr His Cys Glu Glu
50 55 60

Ala Ser Ser Leu Ala Glu His Lys Leu Lys Asp Val Arg Glu Lys Met
65 70 75 80

Ala Asp Leu Ala Arg Met Glu Thr Val Leu Ser Glu Leu Val Cys Ala
85 90 95

Cys His Ala Arg Lys Gly Asn Val Ser Cys Pro Ser Ala Trp Ser His
100 105 110

Pro Gln Phe Glu Lys
115

<210> 13
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 13
tgcggcggtc tcaaatgaca cactgcgagg agg 33

<210> 14
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 14
gcctgaggat ccctgtagtg acgcgatcaa cgg 33

<210> 15
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 15
ctacagggat cctcaggcac ccactgcgag 30

<210> 16
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 16
ctgtagggtc tcggcgctcg ggcaggaaac att 33

<210> 17
<211> 354
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sequence
encoding chelon

<400> 17
atgacacact gcgaggaggc cagcagcctg gccgaacaca agctcaagga cgtgcgcgag 60
aagatggccg acttggcgcg catggaaacc gtgctgtctg aactcgtgtg cgcctgccat 120
gcacgaaagg ggaatgtttc ctgcccgttg atcgcgtcac tacagggatc ctcaggcacc 180
cactgcgagg aggccagcag cctggccgaa cacaagctca aggacgtgcg cgagaagatg 240
gccgacttgg cgcgcatgga aaccgtgctg tctgaactcg tgtgcgcctg ccatgcacga 300
aaggggaatg tttcctgccc gagcgcttgg agccacccgc agttcgaaaa ataa 354

<210> 18
<211> 509
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:sequence
encoding chelon flanked by sequences derived from
plasmid

<400> 18
ccatcgaatg gccagatgat taattcctaa tttttgttga cactatcatt gatagagtta 60
ttttaccact ccctatcagt gatagagaaa agtgaaatga atagttcgta caaaaatcta 120
gataacgagg gcaaaaaatg acacactgcg aggaggccag cagcctggcc gaacacaagc 180
tcaaggacgt gcgcgagaag atggccgact tggcgcgcat ggaaaccgtg ctgtctgaac 240
tcgtgtgcgc ctgccatgca cgaaagggga atgtttcctg cccgttgatc gcgtcactac 300
agggatcctc aggcacccac tgcgaggagg ccagcagcct ggccgaacac aagctcaagg 360
acgtgcgcga gaagatggcc gacttggcgc gcatggaaac cgtgctgtct gaactcgtgt 420
gcgcctgcca tgcacgaaag gggaatgttt cctgcccgag cgcttggagc cacccgcagt 480
tcgaaaaata ataagcttga cctgtgaag 509